Remote Keyboard Quick Start

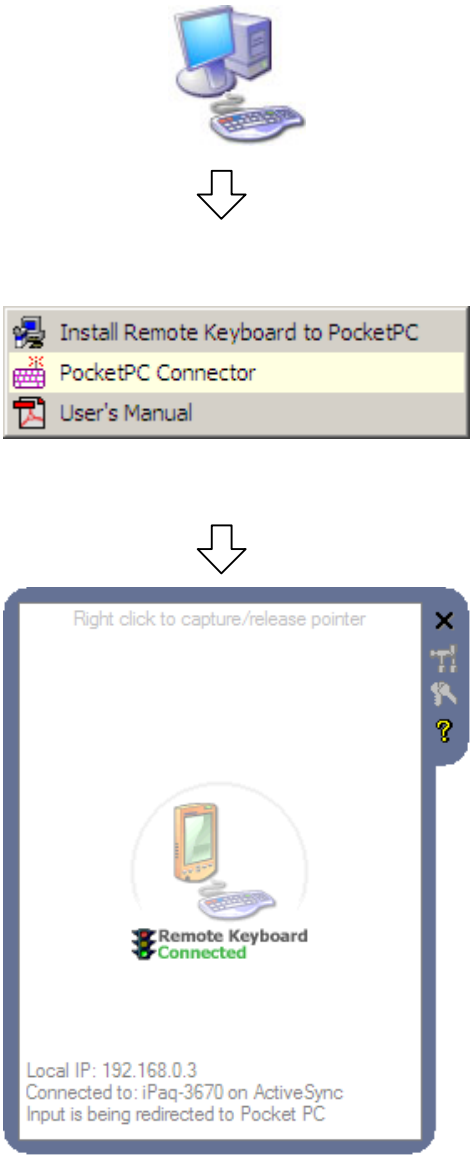
3 Steps to Connect PC Keyboard/Mouse to Pocket PC:

1. Connect Pocket PC to PC with a cradle or connect both Pocket PC and PC to a network (wired and/or wireless)

2. Start ***Pocket PC Connector*** in the PC from Start Menu. Select ***Remote Keyboard*** in Pocket PC as current Input Method

3. If Pocket PC and PC are connected directly or on the same LAN, wait for two machines to connect automatically, or

   If Pocket PC and PC are on Internet, click (Connect) button in ***Pocket PC Connector*** to specify IP address to connect to.



Turn to the next page for full User's Manual

Remote Keyboard

Version 1.0

User's Manual

More Information:
Product, software download and ordering information:
www.trancreative.com/rkb/
Product support:
support@trancreative.com
Feedbacks and suggestions:
suggest@trancreative.com

Table of Contents

3 Steps to Connect PC Keyboard/Mouse to Pocket PC: 0
Table of Contents 1
Introduction 2
- Keyboard 2
- Mouse 2

Getting Ready 2
- System Requirement 2
- Installation 3
- Getting ready from a random PC machine 3

Setting Up Connection 3
- Connecting with Cable or Cradle (ActiveSync) 3
- Connecting via LAN (Local Area Network) 3
- Connecting over Wide Area TCP/IP Network 4
- Connecting from Non-Windows Machines – Telnet 4

Using Passcode 4
Advanced Network Specifications 5
Registration 5
Uninstallation 6

Copyright © 2002, TranCreative

Introduction

Remote Keyboard is a program that connects PC keyboard and mouse to your Pocket PC over ActiveSync connection or TCP/IP network. It is a Soft Input Panel (SIP), also called input method, listed along with Keyboard, Letter Recognizer or Transcriber in Pocket PC devices.

Pocket PC Connector, one of its components, is a Windows application installed in PC to redirect keyboard and mouse input to Pocket PCs.

Using PC keyboard and mouse to entry data to your Pocket PC is never been easier. Just connect Pocket PC to cradle or to the net, switch on Remote Keyboard from the corner of the screen, run Pocket PC Connector in PC then you are in business.

Remote Keyboard supports using non-windows machines to connect via telnet protocol. So don't worry if you ever wanted to enter text from a Unix workstation keyboard to your connected Pocket PC.

Clipboard from PC will be sent to Pocket PC automatically when there is a connection.

It is fast that your mouse moves smoothly, and your key inputs appear instantly.

Keyboard

Supports all keys except Windows, and menu-key (Alt) combinations

Mouse

Supports mouse move and left mouse button activities. Shows mouse pointer as a little cross on Pocket PC screen.

Clicks on right mouse button will start/stop sending mouse signals to Pocket PC.

Getting Ready

System Requirement

Remote Keyboard runs on all Pocket PC devices. It requires only 30KB of storage for program files, and 150 KB memory to run.

The PC from which you want to use the keyboard can be running Windows (Telnet does not required), or any other platform that has Telnet application.

Copyright © 2002, TranCreative

Installation

Download the software from our website then follow the steps to install Remote Keyboard to Pocket PC. The address is:
http://www.trancreative.com/rkb/download.htm

You need to have ActiveSync installed to transfer the software from PC to Pocket PC at the time of installation.

Getting ready from a random PC machine

In some situation you may try to use a keyboard from a random machine, which does not have Pocket PC Connector ready. Please consider one of following solutions:

1. Download Pocket PC Connector quickly from our website. It is a stand-alone program (a single .exe file), does not requires any additional library (.dll). Its size is about 100KB uncompressed. You can download it in seconds from this link: www.trancreative.com/rkb/download.htm
2. Run Telnet and then connect to the IP address of the Pocket PC. It is easy since most PCs (Windows, Linux or Unix) nowadays have a telnet application built-in.

Setting Up Connection

The basis to get the ball rolling is to create a connection between the program in PC (Pocket PC Connector or Telnet) and Remote Keyboard in Pocket PC.

Connecting with Cable or Cradle (ActiveSync)

When your Pocket PC is placed in cradle, you can use Remote Keyboard by running Pocket PC Connector in the PC and select Remote Keyboard input method in your Pocket PC. You also need Microsoft ActiveSync installed in the PC to support this connection. The connection will be made 1 or 2 seconds after Active Sync recognizes that your Pocket PC is in the cradle.

Your PC keyboard and mouse input will be redirect to your Pocket PC after the status shown as Connected.

Connecting via LAN (Local Area Network)

If both your Pocket PC and PC are on a LAN network, then theirs IP addresses in the same net mask. (I.e. your Pocket PC uses Wi-Fi to connect to home/office LAN).

Remote Keyboard does recognize LAN connection and broadcast message to find Pocket PC Connector in the LAN. You will only need to start Pocket PC

Connector in a PC, and select Remote Keyboard as current input method in your Pocket PC. It will be ready in 1 or 2 seconds.

In certain case, you may want to change the default net mask value (255.255.255.0) to match with your LAN settings (advanced users). Select (Connect) button in Pocket PC Connector to do so.

Connecting over Wide Area TCP/IP Network

Your Pocket PC may be connected directly to Internet over a wireless connection (i.e. Pocket PC Phone Edition devices). To use Remote Keyboard, you will need an Internet connection in your PC too.

To initiate connection from PC to Pocket PC, tap (Connect) button in your PC, then enter Pocket PC IP address.

To initiate connection from Pocket PC to PC, select Remote Keyboard Options, and then enter PC IP address.

If you use firewall or router, make sure port 23 is open for Pocket PC and port 8123 is open for PC.

Connecting from Non-Windows Machines – Telnet

If your Pocket PC has a TCP/IP network connection and the IP address can be accessed from other machines then you can use virtually any computer around to input to your Pocket PC.

To do so, switch on Remote Keyboard in input method selections, note down the IP address (shown as Local IP in the input panel), then from other machine, run Telnet and connect to that IP address (default port 23).

Pocket PC will prompt you to enter authentication string (passcode), then redirect all telnet input to your Pocket PC.

You can use character keys (A-Z, numeric, symbols, back space and enter) but cannot use control keys (arrows, page up, page down…). Mouse will not work in this type of connection.

Using Passcode

Using a passcode for Remote Keyboard has following advantages:

- Only Pocket PC Connector with the same passcode can access your Pocket PC when the Remote Keyboard is on

- Multiple Pocket PCs running Remote Keyboard can operate on the same LAN (Local Area Network) without interfering each other.

We recommend you to set up passcode when as soon as you get the software installed and running fine. To put your passcode, follow steps below in your Pocket PC:

1. Open Settings screen from Start menu
2. Select Input icon
3. Select Remote Keyboard, then tap on Options
4. Enter passcode, tap on OK

After you have entered your passcode, you have to enter that passcode to Pocket PC Connector when prompted.

Advanced Network Specifications

Remote Keyboard applications operate on TCP/IP network. They listen on TCP and UDP ports listed below:

Application	*TCP port*	*UDP port*
Pocket PC Connector (PC)	8123	None
Remote Keyboard input method (Pocket PC)	23	23

Pocket PC Connector broadcasts UDP package to port 23 of local LAN addresses every second until it find a connection. If your LAN does not support broadcast IP address, the two machines cannot search for each other, and you may have to specify IP address to connect.

Registration

To get a license to use the software (also unlock it after 14 days trial) please visit our website: www.trancreative.com/rkb/purchase.htm

You will receive a code to confirm your order. To enter the code in the software:

1. Run PocketPC Connector then connect to your Pocket PC.
2. Click on Register button then enter the code

Note that the code is generated based on the owner name of your Pocket PC. It will not work with other Pocket PC with different owner name.

Please visit our website if you have problem with registration form: www.trancreative.com/support.htm

Copyright © 2002, TranCreative

Uninstallation

Follow steps below to uninstall Remote Keyboard from your Pocket PC.

1. Select Input in Settings screen
2. Select Remote Keyboard, then Options
3. Tap on Remove
4. Soft-reset the Device
5. Remove the software from Add/Remove Software in Settings screen

Pocket PC Connector application in your PC can be removed easily with Add/Remove feature in Control Panel of Windows.

Copyright © 2002, TranCreative